

Amendments to and listing of the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently amended) A method for providing video to at least one subscriber in a wireless Local Area Network (LAN) comprising the steps of
receiving video from at least one source,
encoding the video into at least one prescribed format;
broadcasting the video on a video channel having an RF carrier frequency different from a carrier frequency of a wireless data channel over which data is transmitted to and from an access point, wherein the video channel provides both downlink and uplink capability; and
maintaining the video channel in a one-way broadcast-only mode at least while the video channel carries video, thereby precluding a subscriber from uplinking information on the video channel.
2. (Original) The method according to claim 1 wherein wireless LAN utilizes at least one of the IEEE 802.11 and ETSI/Hiperlan2 protocols and wherein the broadcast-only mode of the video channel is maintained by adjusting at least one parameter specified by the at least one protocol.
3. (Original) The method according to claim 1 wherein the wireless LAN utilizes the IEEE 802.11 protocol and wherein the broadcast-only mode of the video channel is maintained by adjusting at a wireless access point a Network Allocation Vector (NAV) present in frames carrying the broadcasted video.
4. (Original) The method according to claim 1 wherein the wireless LAN utilizes the ETSI/Hiperlan2 protocol and wherein the broadcast-only mode of the video channel is maintained by removing access to a Random Channel.
5. (Original) The method according to claim 1 wherein the video is received from multiple sources.

6. (Original) The method according to claim 1 wherein the video is encoded in accordance with one of the MPEG 2 and JVT (MPEG 4 part 10/H.264) formats.
7. (Currently amended) Apparatus for providing video to at least one subscriber in a wireless Local Area Network (LAN) comprising of
 - a receiver for receiving video from at least one source,
 - an encoder for encoding the video from the receiver into at least one prescribed format;
 - a video broadcast network for broadcasting the video from the encoder on a video channel having a frequency different from a wireless data channel over which data is broadcast from an access point, wherein the video channel provides both downlink and uplink capability, while maintaining the video channel in a broadcast-only mode, thereby precluding a subscriber from uplinking information on the video channel.
8. (Original) The apparatus according to claim 7 wherein the video broadcast system comprises:
 - a video Local Area Network (LAN) connected to encoder; and
 - at least one Video Access Point (VAP) connected to the Video LAN for broadcasting the video carried by the video LAN from the encoder and for maintaining the video channel in the broadcast-only mode.
9. (Original) The apparatus according to claim 8 wherein the at least one VAP utilizes at least one of the IEEE 802.11 and ETSI/Hiperlan2 protocols and wherein the VAP maintains the broadcast-only mode of the video channel by adjusting at least one parameter of the broadcasted video in accordance with the at least one protocol.
10. (Original) The apparatus according to claim 8 wherein the at least one VAP utilizes the IEEE 802.11 protocol and wherein the VAP maintains the broadcast-only mode of the video channel by adjusting a Network Allocation Vector (NAV) present in frames carrying the broadcasted video.

11. (Original) The apparatus according to claim 8 wherein the VAP utilizes the ETSI/Hiperlan2 protocol and wherein the VAP maintains the broadcast-only mode of the video channel by removing a Random Channel.
12. (Original) The apparatus according to claim 7 wherein the encoder encodes the video in accordance with one of the MPEG 2 and JVT (MPEG 4 part 10/H.264) formats.
13. (Currently amended) A method for receiving broadcast video at a mobile wireless communications device, comprising the steps of:
 - initiating selection of a video Local Area Network (LAN) upon user actuation of the device, wherein the video LAN provides both downlink and uplink capability; and
 - detecting transmission of the video broadcast from video LAN without trying to uplink traffic to said video LAN; and
 - providing a bi-directional wireless data channel for a data LAN separate and distinct from the video LAN and in communication with the mobile communication device.
14. (Original) The method according to claim 13 further comprising the step of setting up different protocol layers with a minimum static configuration within the mobile wireless communication device.